

| ١ | pр | licat | ion/ | Con | trol | No. |
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09409644

Applicant(s)/Patent Under Reexamination

LEWIS ET AL.

Examiner

Soderquist, Arlen

Art Unit 1797

| ✓ | Rejected |
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| = | Allowed  |

| - | Cancelled  |
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| ÷ | Restricted |

| N | Non-Elected  |
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| ı | Interference |

| A | Appeal   |
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| 0 | Objected |

| CL    | AIM      |            |            |            |            | DATE       |            |  |  |
|-------|----------|------------|------------|------------|------------|------------|------------|--|--|
| Final | Original | 12/02/2005 | 03/12/2007 | 08/13/2007 | 09/08/2008 | 05/12/2010 | 01/06/2011 |  |  |
|       | 1        | -          | -          | -          |            |            | -          |  |  |
|       | 2        | -          | -          |            |            |            | -          |  |  |
|       | 3        | -          | -          | -          |            |            | -          |  |  |
|       | 4        | -          | -          | -          |            |            | -          |  |  |
|       | 5        | -          | -          | -          | -          | -          | -          |  |  |
|       | 6        | -          | -          | -          | -          | -          | -          |  |  |
|       | 7        | -          | -          | -          | -          | -          | -          |  |  |
|       | 8        | -          | -          | -          | -          | -          | -          |  |  |
|       | 9        | -          | -          | -          | -          | -          | -          |  |  |
|       | 10       | -          | -          | -          |            |            | -          |  |  |
|       | 11       | -          | -          | -          |            |            | -          |  |  |
|       | 12       | -          | -          | -          | -          |            | -          |  |  |
|       | 13       | -          | -          | -          | -          | -          | -          |  |  |
|       | 14       | -          | -          | -          | -          | -          | -          |  |  |
|       | 15       | -          | -          | -          | -          | -          | -          |  |  |
|       | 16       | -          | -          | -          | -          | -          | -          |  |  |
|       | 17       | -          | -          | -          | -          | -          | -          |  |  |
|       | 18       | -          | -          | -          |            |            | -          |  |  |
|       | 19       | -          | -          | -          |            |            | -          |  |  |
|       | 20       | -          | -          | -          |            |            | -          |  |  |
|       | 21       | -          | -          | -          | -          | -          | -          |  |  |
|       | 22       | -          | -          | -          | -          | -          | -          |  |  |
|       | 23       | -          | -          | -          | -          | -          | -          |  |  |
|       | 24       | -          | -          | -          | -          | -          | -          |  |  |
|       | 25       | -          | -          | -          | -          | -          | -          |  |  |
|       | 26       | -          | -          | -          | -          |            | -          |  |  |
|       | 27       | -          | -          | -          | -          |            | -          |  |  |
|       | 28       | -          | -          | -          |            |            | -          |  |  |
|       | 29       | -          | -          | -          | -          | -          | -          |  |  |
|       | 30       | -          | -          | -          | -          | -          | -          |  |  |
|       | 31       | -          | -          | -          | -          | -          | -          |  |  |
|       | 32       | -          | -          | -          | -          | -          | -          |  |  |
|       | 33       | -          | -          | -          | -          |            | -          |  |  |
|       | 34       | -          | -          | -          | -          |            | -          |  |  |
|       | 35       | -          |            | -          |            | -          |            |  |  |



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Art Unit

Examiner

Soderquist, Arlen

1797

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| 0 | Objected |

| Final |          |            |            |            |            | DATE       |            |  |   |
|-------|----------|------------|------------|------------|------------|------------|------------|--|---|
|       | Original | 12/02/2005 | 03/12/2007 | 08/13/2007 | 09/08/2008 | 05/12/2010 | 01/06/2011 |  | Т |
|       | 37       | -          | -          | -          | -          | -          | -          |  |   |
|       | 38       | -          | -          | -          | -          | -          | -          |  |   |
|       | 39       | -          | -          | -          |            | -          | -          |  |   |
|       | 40       | -          | -          | -          |            |            | -          |  |   |
|       | 41       | -          | -          | -          | -          | -          | -          |  |   |
|       | 42       | -          | -          | -          | -          | -          | -          |  |   |
|       | 43       | -          | -          | -          | -          | -          | -          |  |   |
|       | 44       | -          | -          | -          | -          | -          | -          |  |   |
|       | 45       | -          | -          | -          | -          | -          | -          |  |   |
|       | 46       | -          | -          | -          |            |            | -          |  |   |
|       | 47       | -          | -          | -          | -          | -          |            |  |   |
|       | 48       | -          | -          | -          |            |            | -          |  |   |
|       | 49       | -          | -          | -          | -          | -          | -          |  |   |
|       | 50       | N          | N          | N          | N          | N          | -          |  |   |
|       | 51       | N          | N          | N          | N          | N          | -          |  |   |
|       | 52       | N          | N          | N          | N          | N          | -          |  |   |
|       | 53       | N          | N          | N          | N          | N          | -          |  |   |
|       | 54       | N          | N          | N          | N          | N          | -          |  |   |
|       | 55       | N          | N          | N          | N          | N          | -          |  |   |
|       | 56       | N          | N          | N          | N          | N          |            |  |   |
|       | 57       | N          | N          | N          | N          | N          | -          |  |   |
|       | 58       | N          | N          | N          | N          | N          | -          |  |   |
|       | 59       | N          | N          | N          | N          | N          | -          |  |   |
|       | 60       | N          | N          | N          | N          | N          |            |  |   |
|       | 61       | N          | N          | N          | N          | N          | -          |  |   |
|       | 62       | N          | N          | N          | N          | N          |            |  |   |
|       | 63       | N          | N          | N          | N          | N          |            |  |   |
|       | 64       | N          | N          | N          | N          | N          |            |  |   |
|       | 65       | N          | N          | N          | N          | N          | -          |  |   |
|       | 66       | N          | N          | N          | N          | N          | -          |  |   |
|       | 67       | N          | N          | N          | N          | N          | -          |  |   |
|       | 68       | N          | N          | N          | N          | N          | -          |  |   |
|       | 69       | N          | N          | N          | N          | N          |            |  |   |
|       | 70       | N          | N          | N          | N          | N          |            |  |   |
|       | 71       | N          | N          | N          | N          | N          |            |  | T |



### Application/Control No.

09409644

Soderquist, Arlen

Examiner Art Unit

Applicant(s)/Patent Under Reexamination

LEWIS ET AL.

1797

Rejected Allowed

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| A | Appeal   |
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| CL    | AIM      | DATE       |            |            |            |            |            |  |  |  |
|-------|----------|------------|------------|------------|------------|------------|------------|--|--|--|
| Final | Original | 12/02/2005 | 03/12/2007 | 08/13/2007 | 09/08/2008 | 05/12/2010 | 01/06/2011 |  |  |  |
|       | 73       | -          | -          | -          | -          | -          | -          |  |  |  |
|       | 74       | -          | -          | -          | -          | -          | -          |  |  |  |
|       | 75       | -          | -          | -          | -          |            | -          |  |  |  |
|       | 76       | -          | -          | -          | -          |            | -          |  |  |  |
|       | 77       | -          | -          | -          | -          | -          | -          |  |  |  |
|       | 78       | -          | -          | -          | -          | -          | -          |  |  |  |
|       | 79       | -          | -          | -          | -          | -          | -          |  |  |  |
|       | 80       | -          | -          | -          | -          | -          | -          |  |  |  |
|       | 81       | -          | -          | -          | -          | -          | -          |  |  |  |
|       | 82       | -          | -          |            |            |            | -          |  |  |  |
|       | 83       | -          |            |            |            |            | -          |  |  |  |
|       | 84       | -          | -          | -          | -          |            | -          |  |  |  |
|       | 85       | N          | N          | N          | N          | N          | -          |  |  |  |
|       | 86       | N          | N          | N          | N          | N          | -          |  |  |  |
|       | 87       | N          | N          | N          | N          | N          | -          |  |  |  |
|       | 88       | N          | N          | N          | N          | N          | -          |  |  |  |
|       | 89       | N          | N          | N          | N          | N          | -          |  |  |  |
|       | 90       | N          | N          | N          | N          | N          | -          |  |  |  |
|       | 91       | -          | -          | -          | -          |            | -          |  |  |  |
|       | 92       |            | -          | -          |            |            |            |  |  |  |
|       | 93       | -          | -          | -          | -          | -          | -          |  |  |  |
|       | 94       | -          | -          | -          | -          | -          | -          |  |  |  |
|       | 95       | -          | -          | -          | -          | -          | -          |  |  |  |
|       | 96       | -          | -          | -          | -          | -          | -          |  |  |  |
|       | 97       | -          | -          | -          |            |            | -          |  |  |  |
|       | 98       | A          | A          | A          | А          | V          | ·          |  |  |  |
|       | 99       | A          | A          | А          | А          | V          | <b>V</b>   |  |  |  |
|       | 100      | A          | A          | A          | А          | V          | ·          |  |  |  |
|       | 101      | A          | A          | А          | А          | V          | ·          |  |  |  |
|       | 102      | A          | A          | А          | А          | V          | ·          |  |  |  |
|       | 103      | A          | A          | A          | А          | V          | V          |  |  |  |
|       | 104      | A          | A          | A          | А          | V          | V          |  |  |  |
|       | 105      | A          | A          | A          | А          | V          | ·          |  |  |  |
|       | 106      | A          | A          | A          | A          | /          | V          |  |  |  |
|       | 107      | A          | A          | А          | А          | V          | ✓          |  |  |  |



#### Application/Control No.

09409644

00100011

Soderquist, Arlen

Applicant(s)/Patent Under Reexamination

LEWIS ET AL.

Examiner

Art Unit

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| ı | Interference |

| Α | Appeal   |
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| 0 | Objected |

| CL    | AIM      | DATE       |            |            |            |     |            |  |   |   |
|-------|----------|------------|------------|------------|------------|-----|------------|--|---|---|
| Final | Original | 12/02/2005 | 03/12/2007 | 08/13/2007 | 09/08/2008 |     | 01/06/2011 |  |   |   |
|       | 109      | A          | A          | A          | A          | V   | V          |  | - |   |
|       | 110      | A          | A          | A          | A          | /   | _          |  |   |   |
|       | 111      | -          | -          | -          | -          |     |            |  |   |   |
|       | 112      | A          | A          | A          | A          | _   | /          |  |   | + |
|       | 113      | A          | A          | A          | A          | _   | /          |  | - | + |
|       | 114      | A          | A          | A          | A          | ·   | ·          |  |   |   |
|       | 115      | A          | A          | A          | A          | · / | V          |  |   |   |
|       | 116      | A          | A          | A          | A          | · / | · ·        |  |   |   |
|       | 117      | A          | A          | A          | A          | · / | V          |  |   |   |
|       | 118      | A          | A          | A          | A          | /   | ·          |  |   |   |
|       | 119      | A          | A          | A          | A          | · · | V          |  |   |   |
|       | 120      | A          | A          | A          | A          | · · | V          |  |   |   |
|       | 121      | A          | A          | А          | А          | V   | V          |  |   |   |
|       | 122      | A          | A          | А          | А          | V   | V          |  |   |   |
|       | 123      | A          | A          | А          | А          | V   | V          |  |   |   |
|       | 124      |            | -          | -          | -          | -   | -          |  |   |   |
|       | 125      |            | -          | -          | -          | -   | -          |  |   |   |
|       | 126      | A          | A          | A          | А          | V   | V          |  |   |   |
|       | 127      | A          | A          | A          | A          | ·   | V          |  |   |   |
|       | 128      | A          | A          | Α          | Α          | V   | V          |  |   |   |
|       | 129      | A          | A          | А          | А          | V   | V          |  |   |   |
|       | 130      | A          | А          | А          | А          | V   | V          |  |   |   |
|       | 131      | A          | A          | А          | А          | V   | V          |  |   |   |
|       | 132      | А          | A          | А          | A          | V   | V          |  |   |   |
|       | 133      | A          | A          | A          | Α          | V   | V          |  |   |   |
|       | 134      | A          | A          | A          | А          | ·   | V          |  |   |   |
|       | 135      | A          | A          | A          | А          | V   | <b>V</b>   |  |   |   |
|       | 136      | A          | A          | А          | А          | ·   | ·          |  |   |   |
|       | 137      | A          | A          | А          | А          | ·   | ·          |  |   |   |
|       | 138      | A          | A          | А          | А          | ·   | ·          |  |   |   |
|       | 139      | A          | Α          | А          | Α          | V   | ✓          |  |   |   |
|       | 140      | A          | Α          | Α          | Α          | V   | ✓          |  |   |   |
|       | 141      | A          | A          | A          | А          | ·   | ·          |  |   |   |
|       | 142      | A          | A          | A          | А          | V   | <b>V</b>   |  |   |   |
|       | 143      | A          | A          | A          | Α          | V   | V          |  |   |   |



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Art Unit

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| = | Allowed  |  | ÷ | Restricted |

| N | Non-Elected  |
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| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Claims |          | ☐ CPA      |            | T.D.       |            | R.1.47     |            |  |  |  |  |  |
|--------|----------|------------|------------|------------|------------|------------|------------|--|--|--|--|--|
| CLAIM  |          | DATE       |            |            |            |            |            |  |  |  |  |  |
| Final  | Original | 12/02/2005 | 03/12/2007 | 08/13/2007 | 09/08/2008 | 05/12/2010 | 01/06/2011 |  |  |  |  |  |
|        | 145      | A          | A          | А          | А          | V          | ✓          |  |  |  |  |  |
|        | 146      | A          | A          | A          | A          | V          | <b>√</b>   |  |  |  |  |  |
|        | 147      | A          | A          | A          | A          | V          | <b>√</b>   |  |  |  |  |  |
|        | 148      | A          | A          | A          | А          | ·          | ·          |  |  |  |  |  |
|        | 149      | A          | A          | А          | А          | ·          | ·          |  |  |  |  |  |
|        | 150      | A          | A          | А          | А          | V          | V          |  |  |  |  |  |
|        | 151      | A          | A          | А          | А          | V          | V          |  |  |  |  |  |
|        | 152      | A          | A          | А          | А          | V          | <b>√</b>   |  |  |  |  |  |
|        | 153      | Α          | A          | А          | А          | V          | <b>√</b>   |  |  |  |  |  |
|        | 154      | A          | A          | A          | А          | V          | V          |  |  |  |  |  |
|        | 155      | A          | A          | Α          | Α          | V          | V          |  |  |  |  |  |
|        | 156      | A          | A          | Α          | А          | V          | <b>√</b>   |  |  |  |  |  |
|        | 157      | А          | A          | А          | А          | V          | <b>√</b>   |  |  |  |  |  |
|        | 158      | A          | A          | А          | А          | V          | V          |  |  |  |  |  |
|        | 159      | A          | A          | A          | А          | V          | ·          |  |  |  |  |  |